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<b>Form 1449 (modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Docket: 090/002 Supplemental 2      U.S.S.N. 09/888,309  Title: Dopaminergic Neurons Obtained from Human Embryonic Stem Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis  Filing Date: June 21, 2001      Group: 1632
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**U.S. Patent Documents**

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/ Subclass	Inventors:	Title:
(none)							

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	Ref.	Document No.	Publ. Date	Jurisdiction	Title:	Translation
Am2	EA	WO 98/50526	Nov 12/98	PCT	Generation, Characterization, and Isolation of Neuroepithelial Stem Cells and Lineage Restricted Intermediate Precursor	n/a
Am2	EB	WO 99/01159	Jan 14/99	PCT	Lineage-Restricted Neuronal Precursors	n/a
Am2	EC	WO 99/28443	Jun 10/99	PCT	Lineage Restricted Glial Precursors from the Central Nervous System	n/a

**Other Documents**

Examiner Initial	Ref.	Author, Title, Date, Source
Am2	ED	Kalyani, A., et al., Cell Lineage in the Developing Neural Tube, Blochem. Cell Biol. 76:1051 (1998)
Am2	EE	Li, M., et al., Generation of Purified Neural precursors from Embryonic Stem Cells by Lineage Selection, Current Biol., Current Science 8:971 (1998)
Am2	EF	Mujtaba, T., et al., Lineage-Restricted Neural Precursors Can Be Isolated from Both the Mouse Neural Tube and Cultured ES Cells, Dev. Biol. 214:113 (1999)

Examiner <u>Anne-Marie Falk</u>	Date Considered <u>1/21/04</u>

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1/24/02

Form 1449 (modified)	Docket: 090/002 Supplemental	U.S.S.N. 09/888,309
Information Disclosure Statement By Applicant	Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells	
(Use Several Sheets if Necessary)	Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis	
	Filing Date: June 21, 2001	Group: 1632

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						Yes	No
(none)							

## Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
Amz	DA	Lamb, T.M., et al., Neural Induction by the Secreted Polypeptide Noggin, Science 262:713 (1993)
Amz	DB	Lim, D.A., et al., Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis, Neuron 27:713 (2000)
Amz	DC	Sasai, Y., et al., Regulation of Neural Induction by the Chd and Bmp-4 Antagonistic Patterning Signals in Xenopus, Nature 376:333 (1995)

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Information Disclosure Statement By Applicant	Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis	
(Use Several Sheets if Necessary)	Filing Date: June 21, 2001	Group: 1632

#### U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/Subclass	Inventors:	Title:
Ama	A	5,766,948	Nov 3/93	Jun 16/98	435/368	Gage, F.H., et al.	Method for Production of Neuroblasts
	B	5,773,255	Jun 5/95	Jun 30/98	435/70.3	Laurance, M.E., et al.	Glucose Responsive Insulin Secreting $\beta$ -Cell Lines and Method For Producing Same
	C	5,789,246	Nov 18/96	Aug 4/98	435/325	Reid, L.M., et al.	Compositions Comprising Hepatocyte Precursors
	D	5,849,553	Jun 7/95	Dec 15/98	435/172.3	Anderson, D.J., et al.	Mammalian Multipotent Neural Stem Cells
	E	5,851,832	Jun 7/95	Dec 22/98	435/368	Weiss, S., et al.	In Vitro Growth and Proliferation of Multipotent neural Stem Cells and Their Progeny
	F	5,928,947	Jun 7/95	Jul 27/99	435/455	Anderson, D.J., et al.	Mammalian Multipotent Neural Stem Cells
	G	5,968,829	Sep 5/97	Oct 19/99	435/467	Carpenter, M.	Human CNS Neural Stem Cells
	H	5,981,165	Jun 7/95	Nov 9/99	435/4	Weiss S., et al.	In Vitro Induction of Dopaminergic Cells
	I	6,040,180	May 7/97	Mar 21/00	435/377	Johe, K.	In vitro Generation of Differentiated Neurons From Cultures of mammalian Multipotent CNS Stem Cells
	J	6,090,622	Mar 31/97	Jul 18/00	435/366	Gearheart, J.D., et al.	Human Embryonic Pluripotent Germ Cells
Ama	K	6,200,806	Jun 26/98	Mar 13/01	435/366	Thomson, J.A.	Primate Embryonic Stem Cells

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Jurisdiction	Title:	Translation	
						Yes	No
Ama	L	WO 99/04775	Feb 4/99	PCT	Method of Treating Dopaminergic and Gaba-Nergic Disorders		
	M	WO 99/20741	Apr 29/99	PCT	Methods and Materials for the Growth of Primate-Derived Primordial Stem Cells		
	N	WO 99/43785	Sep 2/99	PCT	Derivation of Cells and Tissues from Embryonic Pre-Stem Cells for Transplantation Therapies		
	O	WO 99/53021	Oct 21/99	PCT	Cell Differentiation/Proliferation and Maintenance and Uses Thereof		
Ama	P	WO 00/17323	Mar 30/00	PCT	Stable Neural Stem Cell Lines		

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Form 1449 (modified)	Docket: 090/002	U.S. N. 09/888,309
Information Disclosure Statement By Applicant	Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells Inventors: Mollisa K. Carpenter, Walter D. Funk, R. Scott Theis	
(Use Several Sheets if Necessary)	Filing Date: June 21, 2001	Group: 1632

Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
Amz	Q	Andrews, et al., Retinoic Acid Induces Neuronal Differentiation of a Cloned Human Embryonal Carcinoma Cell Line in Vitro, Dev. Biol. 103:285 (1984)
	R	Bain, et al., Embryonic Stem Cells Express Neuronal Properties In Vitro, Dev. Biol. 168:342 (1995)
	S	Bain, et al., Expression of Retinoid X Receptors In P19 Embryonal Carcinoma Cells and Embryonic Stem Cells, Biochem. Biophys. Res. Commun. 200:1252 (1994)
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	W	Brustle, et al., In Vitro-Generated Neural Precursors Participate in Mammalian Brain Development, Proc. Natl. Acad. Sci. USA 94:14809 (1997)
	X	Brustle, et al., Embryonic Stem Cell-Derived Glial Precursors: A Source of Myelinating Transplants, Science 285:754 (1999)
	Y	Burkert, et al., Early Fetal hematopoietic Development From In Vitro Differentiated Embryonic Stem Cells, New Biol. 3:698 (1991)
	Z	Davidson, et al., Cell Fate and Lineage Specification in the Gastrulating Mouse Embryo, Children's Medical Res. Institute 491 (1999)
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	AB	Dinsmore, et al., Embryonic Stem Cells Differentiated In Vitro as a Novel Source of Cells for Transplantation, Cell Transplant 5:131 (1996)
	AC	Fisher, et al., Factors Influencing the Differentiation of Embryonal Carcinoma and Embryo-Derived Stem Cells, Exp. Cell Research 182:403 (1989)
	AD	Fraichard, et al., In Vitro Differentiation of Embryonic Stem Cells into Glial Cells and Functional Neurons, J. Cell Science 108:3181 (1995)
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	AG	Kalyani, et al., Cell Lineage in the Developing Neural Tube, Biochem. Cell. Biol. 76:1051 (1998)
	AH	Keller, In Vitro Differentiation of Embryonic Stem Cells, Cell Biology 7:862 (1995)
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Amz	AN	O'Shea, Embryonic Stem Cell Models of Development, Anat. Rec. (New Anat.) 257:32 (1999)
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	AX	Shamblott, et al., Derivation of Pluripotent Stem Cells from Cultured human Primordial Germ Cells, Proc. Natl. Acad. Sci. USA 95:13726 (1998)
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